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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/679,026
Sheet 1 of 5			Filing Date	10/03/2003
			First Named Inventor	Zurloye et al.
			Group Art Unit	unknown
			Examiner Name	not assigned
			Attorney Docket Number	15218US01

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ES	A1	3,707,953	01/02/1973	Rhoades, Jr. et al.	
	A2	4,314,534	02/09/1982	Nakajima et al.	
	A3	4,556,030	12/03/1985	Aono	
	A4	4,606,312	08/19/1986	Nakano et al.	
	A5	4,621,603	11/11/1986	Matekunas	
	A6	4,622,939	11/18/1986	Matekunas	
	A7	4,624,229	11/25/1986	Matekunas	
	A8	4,651,562	03/24/1987	Day	
	A9	4,658,794	04/21/1987	Day	
	A10	4,920,494	04/24/1990	Abo et al.	
	A11	5,218,945	06/15/1993	Kapellen et al.	
ES	A12	5,245,969	09/21/1993	Nishiyama et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
ES	A13	WO 93/08399	04/29/1993			
ES	A14	WO 00/61927	10/19/2000			
ES	A15	WO 01/83974	11/08/2001			
ES	A16	WO 01/86125	11/15/2001			
ES	A17	WO 01/86126	11/15/2001			

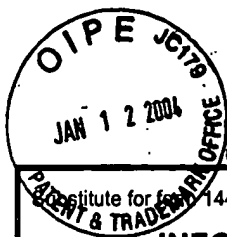
OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
ES	A18	An experimental study of premixed lean diesel combustion. Shimazaki, Naoki; Akagawa, Hisashi; Tsujimura, Kinji. New ACE Institute Co., Ltd., Japan. Society of Automotive Engineers, [Special Publication]SP (1999), SP-1444(Processes of Diesel Engine Combustion), 1-10; Abstract

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Approved for use through 10/31/2002. OMB 0651-0031

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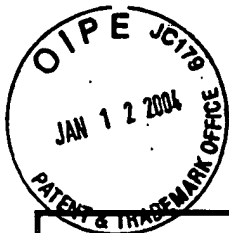
Substitute for Form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary))		Application Number	10/679,026
		Filing Date	10/03/2003
		First Named Inventor	unknown
		Group Art Unit	unknown
		Examiner Name	not assigned
Sheet	2	Of	5
		Attorney Docket Number	15218US01

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
ES	A19	Auto-ignition and combustion of DME and n-butane/air mixtures in homogeneous charge-compression ignition engine. Igarashi, Tetsuya; Iida, Norimasa. Kelo Gijyuku Univ.Grad.Sch., Yokohama, Japan. Nippon Kikai Gakkai Ronbunshu, B-hen (1998), 64(618, 605-612 ; Abstract
ES	A20	Alternative combustion systems for piston engines involving homogeneous charge compression ignition concepts -- a review of studies using methanol, gasoline and diesel fuel. Pucher, Greg R.; Gardiner, David P.; Bardon, Michael F.; Battista, Vittoria. Thermotech Engineering, Can. Soc. Automot.Eng.,[Spec.Publ.]SP (1996), SP-1208(Topics in Alternative Fuels and Their Emissions), 215-225; Abstract
ES	A21	Explosions initiation in homogeneous fuel-Oxidant gaseous combinations. I.Explosions initiation with heated bodies. Razus D, Oancea D, Ionescu NI, Revista De Chimie, 51(8):590-599 Aug 2000; Chiminform Data S A, Bucharest, Website; Abstract
ES	A22	Numerical modeling of premixed gaseous combustion by the boundary-domain integral method. Samee N, Skerget L. Combustion Theory and Modelling; 3(1):1-12 Mar 1999; IOP Publishing LTD., Bristol; Website; Abstract
ES	A 23	Monte Carlo computation of turbulent premixed methane-air ignition. Carmen CL, Feikema DA; Combustion Explosion and Shock Waves; 34(3):253-259 May-Jun 1998; Plenum Publ corp, New York; Website; Abstract

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			Application Number	10/679,026	
Sheet	3	of	5	Filing Date	10/03/2003
			First Named Inventor	Zurloye et al.	
			Group Art Unit	unknown	
			Examiner Name	not assigned	
			Attorney Docket Number	15218US01	

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ES	A24	5,474,054	12/12/1995	Povinger et al.	
	A25	5,533,492	07/09/1996	Willey et al.	
	A26	5,542,392	08/06/1996	Povinger	
	A27	5,588,416	12/31/1996	Suzuki et al.	
	A28	5,615,655	04/01/1997	Shimizu	
	A29	5,622,053	04/22/1997	Freen	
	A30	5,623,819	04/29/1997	Bowker et al.	
	A31	5,735,245	04/07/1998	Kubesh et al.	
	A32	5,765,532	06/16/1998	Loye	
	A33	5,785,031	07/28/1998	Akimoto et al.	
	A34	5,791,145	08/11/1998	Freen	
ES	A35	5,832,880	11/10/1998	Dickey	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
ES	A36	WO 01/86127	11/15/2001			
ES	A37	WO 01/86128	11/15/2001			
ES	A38	EP 0 967 372	12/29/1999			
ES	A39	EP 0 904 484	04/04/2001			
ES	A40	JP 8284704	10/29/1996		Abstract only	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

EXAMINER SIGNATURE	<i>E. J. Slin</i>	DATE CONSIDERED	11/7/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/679,026
Filing Date	10/03/2003
First Named Inventor	Zurloye et al.
Group Art Unit	unknown
Examiner Name	not assigned
Attorney Docket Number	15218US01

Sheet 4 of 5

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ES	A41	5,875,743	03/02/1999	Dickey	
	A42	5,878,717	03/09/1999	Zur Loye	
	A43	5,992,388	11/30/1999	Segar	
	A44	6,032,617	03/07/2000	Willi et al.	
	A45	6,230,683	05/15/2001	zur Loye et al.	
	A46	6,243,641	06/05/2001	Andrews et al.	
ES	A47	6,276,334	08/21/2001	Flynn et al.	
	A48	2001/0017123	08/30/2001	Raab et al.	
	A49	2001/0017127	08/30/2001	Flynn et al.	
	A50	6,286,482	09/11/2001	Flynn et al.	
	A51	6,289,877	09/18/2001	Weisbrod et al.	
ES	A52	2002/0020388	02/21/2002	Wright et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ⁴ -Kind Code ³ (if known)				
ES	A53	JP 11036939	02/09/1999		Abstract only	
ES	A54	JP 11148382	06/02/1999		Abstract only	
ES	A55	JP 11270412	10/05/1999		Abstract only	
ES	A56	JP 11294222	10/26/1999		Abstract only	
ES	A57	JP 2001-107809	04/17/2001		Abstract only	

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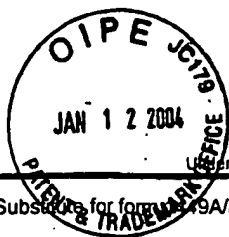
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Substitute for form 19A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	5	of	5
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	A59	6,354,268	03/12/2002	Beck et al.	
	A60	6,367,317	04/09/2002	Jaye	
	A61	2002/0040708	04/11/2002	Chmela et al.	
	A62	2002/0053336	05/09/2002	Nogi et al.	
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	A68	6,560,526	05/06/2003	Matekunas et al.	
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	A71	6,640,773	11/04/2003	Ancimer et al.	

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